

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	((battery or accumulator) AND (\$1 or state of charge) AND (voltage with (detect \$3 or sens\$3 or monitor\$3 or measur\$3 or estimat\$3 or calculat\$3)) AND (internal with resistance) AND (current with (estimat\$3 or measur\$3 or calculat\$3 or detect\$3 or sens\$3 or monitor\$3)) AND ((open with voltage) or (open\$circuit with voltage) or O\$1C\$1V\$1) AND temperature).dm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 19:24
L2	21	((battery or accumulator) AND (\$1 or state of charge) AND (voltage with (detect \$3 or sens\$3 or monitor\$3 or measur\$3 or estimat\$3 or calculat\$3)) AND (resistance) AND (current with (estimat\$3 or measur\$3 or calculat\$3 or detect\$3 or sens\$3 or monitor\$3)) AND ((open with voltage) or (open\$circuit with voltage) or O\$1C\$1V\$1)).dm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 19:27

L3	1	((battery or accumulator) AND (S\$1 or state of charge) AND (voltage with (detect\$3 or sens\$3 or monitor\$3 or measur\$3 or estimat\$3 or calculat\$3)) AND (resistance) AND (current with (estimat\$3 or measur\$3 or calculat\$3 or detect\$3 or sens\$3 or monitor\$3)) AND ((open with voltage) or (open\$1circuit with voltage) or O\$1C\$1V\$1) AND (abnormal\$3 or improper\$2 or malfunction\$3 or wrong\$2 or incorrect\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/15 19:28
S1	819	(320/132).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/09 18:22
S2	692	(320/134).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/02 18:45
S3	135	(320/153).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/02 18:45
S4	610	(324/427).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/02 18:46
S5	391	(324/429).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/10/02 18:46

S6	351	(battery or accumulator) and (SOC or state of charge) and (voltage with (detect \$3 or sens\$3 or monitor\$3 or measur \$3)) and (internal with resistance) and (current with (estimat\$3 or measur\$3 or calculat \$3 or detect\$3)) and ((open with voltage) or (open \$1circuit with voltage)) and temperature	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 18:58
S7	241	S6 and ("320"/\$. ccls. or "324"/\$. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/10/13 20:21
S9	4	("6850038"   "6909261"   "6909287"   "6927554").FN. OR ("7098625").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 17:45
S10	2	("5672951"   "6531875").FN. OR ("7009402").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 18:49
S11	69	(battery or accumulator) and (SOC or state of charge) and (voltage with (detect \$3 or sens\$3 or monitor\$3 or measur \$3)) and (internal with resistance) and (current with (estimat\$3 or calculat\$3)) and ((open with voltage) or (open\$1circuit with voltage)) and temperature and (charging with current with (estimat \$3 or calculat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/21 19:00

S12	4	("5629604"   "5825218"   "5883497").PN. OR ("6876175").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/21 19:06
S13	10	("5808445"   "6091245").PN. OR ("6285163").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/23 19:11
S14	677	(second near3 (\$\$10 \$1C\$1 or state\$1of \$1charge) with (estimat\$3 or detect \$3 or calculat\$3 or measur\$3 or monitor \$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/24 20:13
S15	50	S14 and ("320"/\$. ccls. or "324"/\$. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/11/24 20:13
S16	32	(US-20030062875-\$ or US-20020117997- \$ or US- 20030076109-\$ or US-20040008031-\$ or US-20030210056- \$ or US- 20020109504-\$ or US-20010033170-\$ or US-20010033169- \$ or US- 20040032264-\$ or US-20030214303-\$). did. or (US-7098625- \$ or US-7078877-\$ or US-7009402-\$ or US-6946818-\$ or US-6920404-\$ or US-6876175-\$ or US-6832171-\$ or US-6789026-\$ or US-6608482-\$ or US-6515454-\$ or US-6469512-\$ or US-6424157-\$ or US-6356058-\$ or US-6094033-\$ or US-5864237-\$ or US-5539318-\$ or US-5381096-\$ or US-5321627-\$ or US-5281919-\$ or US-4876513-\$ or	US-PGPUB; USPAT	OR	ON	2008/05/27 11:29

		US-6850038-\$ or US-6285163-\$).did.				
S17	1	S16 and (over \$1charg\$3 with current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:30
S18	0	S16 and (over \$1current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:30
S19	0	S16 and (prohibit\$4 or stop\$4 or end\$3) with charg\$3 near3 current with (high or level or limit or range or exceed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:32
S20	932	battery and (prohibit \$4 or stop\$4 or end \$3) with charg\$3 near3 current with (high or level or limit or range or exceed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:33
S21	464	S20 and ("320"/\$. ccls. or "324"/\$. ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:38
S22	396	S21 and current near3 (high or level or limit or range or exceed\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:40
S23	32	S22 and polarization	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:41
S24	130	S22 and charging with current and discharging with current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:41
S25	12	S24 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/27 11:41

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